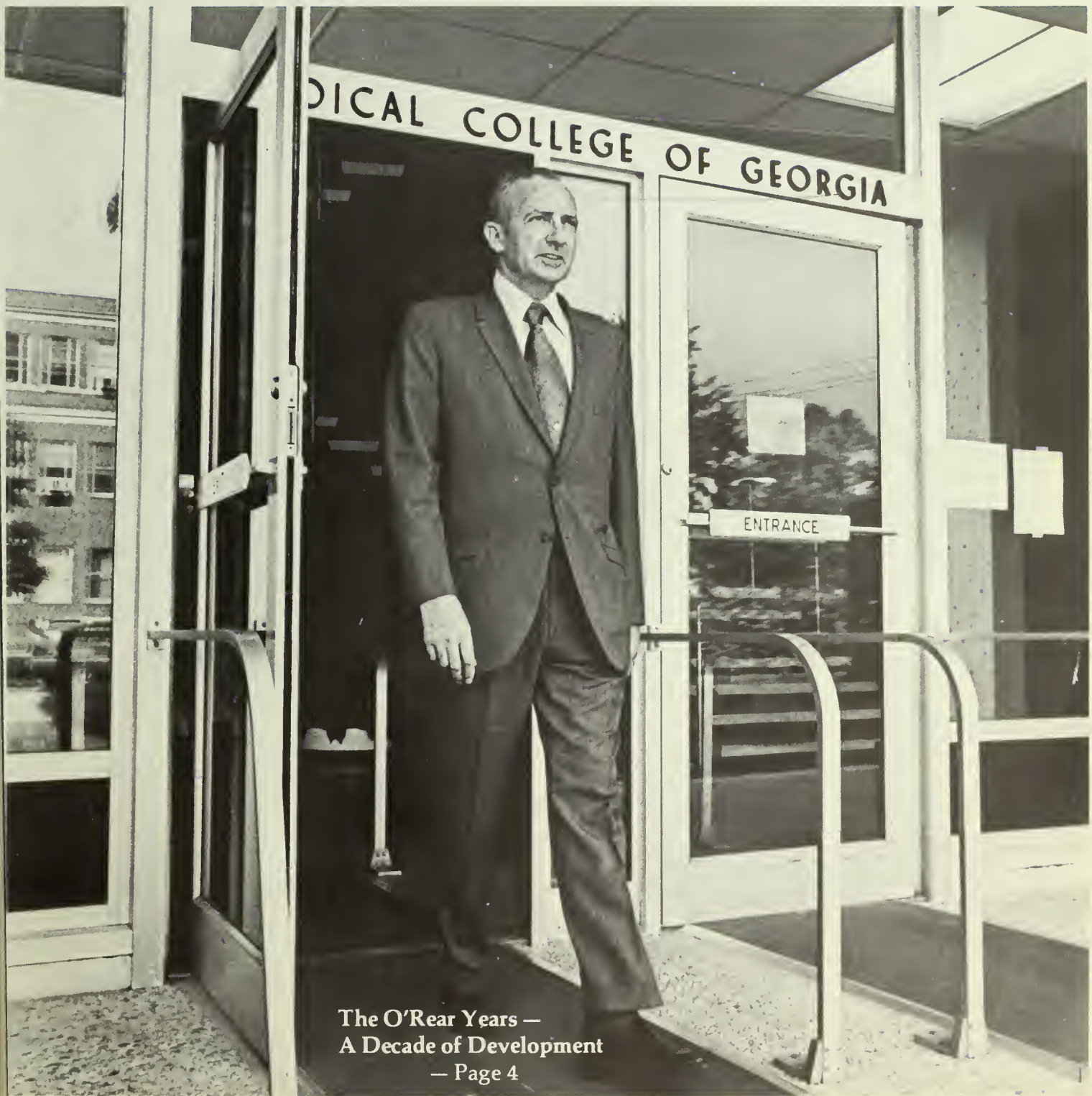
School of Medicine Allied Health Sciences School of Nursing Graduate School Dental School MCG Today

Medical College of Georgia

vol. 1, no. 1 Summer 1970



The O'Rear Years —
A Decade of Development
— Page 4

The magazine you now hold in your hands is our first effort to communicate to alumni and friends the dynamic Medical College of Georgia as it is today; hence, the name. You will receive the next issue in the fall.

We want to keep you informed about existing developments here and solicit your suggestions and involvement. Alumni are requested to help us keep our mailing list up to date and to submit to us information for the Class Notes.

The MCG Foundation, Inc. has made a grant to the Medical College to underwrite the first four issues of **MCG Today.** For this, all of us are grateful.

MCG Today will seek to interpret to our alumni and friends all the activities and developments in all five Schools at the Medical College. Profound changes are taking place in this dynamic institution. **MCG Today** will keep you informed.

The Medical College maintains its commitment to excellence in education in the health sciences. **MCG Today** will try to make our alumni proud of their Alma Mater, and all our friends proud that they are involved in the support of a rapidly expanding health education and health care institution.

Now, let me share with you some information about the Division of Institutional Relations. This Division reports to Dr. Raymond C. Bard, vice president. The Division was established to achieve two major objectives: (1) to increase the awareness of all publics to the unique values of the Medical College of Georgia as a health education center, and of the promise of the continuing service of the institution to the people of Georgia and the nation; (2) to secure financial support from the private sector for expanded programs in instruction, research, and public service, including support for physical facilities, faculty growth, student assistance and improved operations. To attain these objectives, activities in the areas of alumni affairs, information services, publications and fund management must be increased.

Special attention will be given to promotion of the Alumni Annual Giving Program, but our fund raising efforts will also include potential donors such as interested friends, foundations and corporations.

Now, to introduce our staff and highlight their responsibilities.

John W. Stokes, associate director of Institutional Relations, came to us last April from the University of Georgia. He is our back-up man in all three sections of our assigned responsibilities, but for a time will major on pressing needs in information services and publications. He is a specialist in media relations.

Alex Vaughn, Information Services Coordinator, joined us July 1, coming to Augusta from the Liberty Corporation, Greenville, S.C. He has served as Public Relations Director at Gardner-Webb College in North Carolina and as a newspaper reporter. Alex will be our publications specialist.

Norma Warwick Patterson, a 1969 graduate of the School of Journalism, University of Georgia, began her work here last August. She is an associate in the Information Services and Publications Section, and serves as a writer-reporter for both the media and internal publications.

Mary Hallinan, Executive Secretary of the Alumni Association, needs no introduction to our alumni. She has kept up the lines of communication with our alumni and handled arrangements for various functions since 1952. The entire Division staff stands ready to reinforce her role in our expanding operations. We will work hard to bring even closer the relationship between the alumni and the College.

Mary M. Lewis has been Executive Secretary of the MCG Foundation since 1964. The business affairs of the Foundation will be expanded to meet the increasing role of the Foundation in the financial support of the institution. Foundation members have recently approved a resolution to amend the Articles of Incorporation and the By-laws. This, I believe, is a giant step forward.

The Medical Colleges' aspirations are high — and attainable. We need your continuing help and support as we strive to achieve them. We want to hear from you often, since we need your counsel and understanding of our programs.

Most cordially,

Jim Austin

James C. Austin, Director
Institutional Relations

Table of Contents

4 The O'Rear Years

8 The Expanding Campus

10 Where Engineering And Medicine Meet

13 The Key Word In Dentistry

16 Christopher C. Fordham III, Dean of Medicine

18 Class Notes & Alumni News

22 The New Alumni

MCG Today is published four times a year for alumni and friends by the Medical College of Georgia, Division of Institutional Relations. Correspondence is invited and may be addressed to 1459 Gwinnett Street, Augusta, Georgia 30902.

Summer 1970 Volume 1, Number 1

Editor-in-Chief
James C. Austin
Editor
John W. Stokes
Design
Sharon Jones
Leah Sullivan

The O'Rear Years

Harry B. O'Rear joined the faculty of the Medical College of Georgia in 1950 and rose through faculty ranks to become Professor of Pediatrics, then Dean of the School of Medicine in 1953. In 1958 he was named acting president of the College, and in the summer of 1960, he became the third president of the Medical College of Georgia.

Ten years have elapsed since he moved into the President's chair. These 10 years have constituted a remarkable decade of which Harry B. O'Rear can be rightly proud.

In this issue, as a salute to President O'Rear on the 10th anniversary of his Presidency, **MCG Today** presents a chronicle of the O'Rear Years to date, a memoir about the man, by a friend, and a selection from tributes made by colleagues on the occasion.

Magazine editors asked a number of friends and colleagues of President O'Rear to write him a letter on the occasion of his 10th presidential anniversary. Here are some excerpts from those letters:

"Personally, I thought your head was so far in clouds that you could not plant your feet firmly on the ground, but you must have tested the soil so thoroughly that you knew whereof you stood — even though you watched the rainbow All of this in ten short years — it's hard to believe."

J. G. McDaniel, MD, Atlanta

"The last decade has brought many blessings to the Augusta area. Not the least of these is the dedicated leadership you have provided as President of the Medical College of Georgia."

Sherman Drawdy, Chairman of the Board, Georgia Railroad Bank & Trust Company

" you have remained true to your beliefs and convictions and you are here and now surrounded by monuments."

Raymond C. Bard, Vice President, Medical College of Georgia

"I was pleased when the Regents appointed you President, and after ten years I still feel the Regents made a wise choice."

Perry Volpito, MD Medical College of Georgia

"As you pass this important milestone we look forward to many more years of working together with you as we attempt to provide the right kind of education for all the citizens of our state and region."

Fred C. Davison, President The University of Georgia

"I'll never forget the warmth and camaraderie of our Sunday morning rounds on pediatrics I really thought we were something special because we had someone like you for our Chief."

Nancy Thornton, MD, Director Children and Youth Project 615

The Man O'Rear

"... I must say I shared his enthusiasm for invoking supernatural aid ..."

By JAMES H. R. SUTHERLAND, PhD

When the editors of **MCG Today** asked me to write about Harry B. O'Rear, I was delighted. My guess was that an inadequate number of people truly know this quiet, unassuming person. As one gets to know Harry, one realizes that he is a man of reserved complexity; and while I might not be able to report on the total person, I welcomed the opportunity to share thoughts, feelings, and experiences of the man as I know him.

He has a quiet, almost shy nature that tends to obscure the comprehensive way he approaches almost everything that he does.

I first learned this, and some other facets of the man Harry O'Rear, when he took up sailing some ten or so years ago. Though an obvious beginner, he eagerly competed in races and joined discussions on the beach following races as an eager listener and questioner. Before long, he was a serious competitor in the fleet and the rest of us began to realize that his was one of the boats we would have to beat. Later, I learned that he had been reading extensively on sailing and keeping a rather detailed diary of his experiences in racing. His rapid improvement had been the result of an in-depth study of small boat racing.

But this didn't mean that he took his recreation too seriously. To those of us who were racing with him at this time, he seemed to thoroughly enjoy sailing and got a great deal of satisfaction from his participation. It's just that he pursued his sailing as he did almost everything else I have observed: in great depth. I know of no one who has improved more rapidly in the rather difficult art of high performance dinghy racing than Harry. Although I had been sailing and racing since I was a child, I found him more than a match most of the time after his first year.

It was during these sailing experiences that I became aware of another very human quality of Harry O'Rear; a trait not revealed to everyone.

It took the heat of competition when I was acting as his crew in an out-of-town regatta to bring it out.

We were in good position near the lead coming into the first mark. One of the boats we knew to be a serious rival was right behind us. As we rounded the mark, this competitor collided with us, claiming we had failed to give him right of way. It was obvious he was trying to use a technicality to get us out of the race and he demanded we withdraw.

At this point, Harry demonstrated the unexpected attribute: temper. His anger, however, was directed not only at the competitor, but at himself for having been so careless as to get himself into such a position.

I must say I shared his enthusiasm for invoking supernatural aid in the situation; we dropped out of the race with disappointment and disgust, though a more appropriate procedure would have been to continue and let a race committee decide who was right.

I have also had the opportunity to be the recipient of some O'Rear ire. While sailing against me Harry suddenly appeared across my bow when I had the right-of-way. He had slipped up under my lee unseen, and had not seen me either. I thought for a moment he would clear so I did not hail. At the last second a puff of breeze caused me to come up sharply, and collision followed.

"Sorry, I didn't mean to hit you so hard," said I, somewhat shaken. Whereupon, he apparently assumed I had zeroed in on him to get him out of the race, and sheared off the course in pique.

His mood changed from morose to good humor, however, after my explanation following the race — an indication of his ability to forgive when facts warrant it.

The man Harry O'Rear also has a keen sense of humor. My guess is that most people who are around him much are aware of his readiness to treat things with good humor. He can be somewhat of a tease, although not hurtfully so. He loves to joke with you about little past experiences you might like to forget. He has gleefully referred to our collision with an almost impish delight.

He has an excellent memory of the past events that are particularly appropriate for specific individuals. He will laugh equally hard, however, when the tables are turned. Although he has a sober side, I think it is fair to call him a jovial person as well.

Harry's ability as a leader frequently seems to me to be either not fully appreciated, or misunderstood. Most people who have contact with him are well aware of his ability to be decisive and concise in those instances where it is appropriate. I know of instances where he has been thought by some to be

Dr. Sutherland is professor of pharmacology and director of the Division of Health Communications at the Medical College of Georgia.

indecisive, when in truth he has deferred to those to whom the responsibility has been delegated. He is keenly aware of the stifling qualities of authoritarian leadership and has made a concerted effort to provide opportunities for growth of those who assist him in the operation of the institution.

Another example involving sailing may make this clear. A few years ago, a group of us were lamenting the problem of obtaining a competent crew for high level competition. It was decided that if we had a fleet of single-handed (one-man) sailboats, that this would improve our enjoyment of sailing. Harry was one in the group. Somehow we got organized and jointly purchased building materials to construct nine sailboats. Shortly after that we were gathered in the O'Rear's downstairs recreation room and construction was underway with enthusiasm.

Without any apparent director of the project, the construction of these hulls went forward. Work parties appeared at regular intervals with individuals performing those tasks to which they seemed most naturally suited. The camaraderie of the group was high and Harry took his place in the middle of it all as one of the gang. The group felt quite indebted to the O'Rears for allowing us to spread sawdust and noise throughout their house for such an extended time. However, it was only at the end of the project when Harry gave us a report on the number of man-hours, gallons of coffee, cubic yards of sawdust, quarts of glue and so on, that I realized how carefully he had kept watch over the operation and provided facilitation when and where it was needed.

The group that he had brought together was a varied bunch and probably difficult to coordinate. There were several doctors, a lawyer, several scientists, and a businessman. Somehow this group worked together harmoniously, and the end of the project was viewed by all with mixed feelings. While we were delighted to have the boats to sail, we were also sorry that an enjoyable and satisfying experience had come to an end.

I think we finally realized that without Harry B. O'Rear's quiet coordination, those boats would never have been built.

Part of this, I am sure, has to do with Harry's deep concern for people. I know from personal experience that when a friend is in need Harry O'Rear will be there if he possibly can. I won't forget the night some years ago when he brought one of my children home. My youngster had knocked on the O'Rears' door at one in the morning after demolishing our family car. Harry quickly assured me of the physical health of my child and insisted on going with me to find the wreck and help make the necessary arrangements. It seemed a little unnecessary at the time since the only damage was to the automobile and no one else was involved.

However, he had keen insight, and was concerned that I would begin to speculate on what might have happened, as I indeed did. The car had gone off the road into dense undergrowth and trees, and it took us until after three in the morning to find it. During this time, my imagination had ample opportunity to do its work, and the quiet presence and thoughtful conversation from Harry were of immense comfort to me. This is the type of thing he does for others, quietly and without fanfare.

I also know him to be a concerned parent because I have discussed the problems of child raising with him. However, as in everything else that he does, most people are unaware of the level of his involvement because he rarely talks about his family.

Many of his hobbies and interests away from the college are things that he does by himself. He has produced a variety of credible oil paintings. He has operated a short wave radio for years. He is keenly interested in photography and has taken some of the most beautiful photographs of flowers that I have ever seen. He grows exotic plants under controlled environmental conditions. As is characteristic, he is not content to grow the varieties that he can obtain from others, but is busy cross-breeding them to produce new and more beautiful varieties.

He has combined his interest in photography and flowers to acquire a remarkable collection of photographs of growing things in their natural states. He and his wife Charlotte love to roam the mountains of North Georgia where they collect photographs of these specimens in their natural setting. The solitude of the mountains is in keeping with his quiet ways.

I have tried to give you my impression of this man who is quiet and almost shy, whose pursuits in his time off appear somewhat solitary, but who has a deep concern for people and an ability to work with them. A man, who despite his prominent position in our community, is perhaps unknown to many except in his official capacity.

The students are beginning to seek him out in his office. This comes at a time when the students everywhere are becoming more aware of their educational environment and increasingly vocal about the aspects of it that displeases them.

It is interesting that the students at the Medical College of Georgia seem to be most comfortable talking to the President.

It is possible that they are beginning to know the real person behind the official title of President of the Medical College of Georgia.

I hope so, because not enough people know the real Harry be. O'Rear. □

Augusta is an important medical center, and constantly moving toward becoming more so, because of your vision and your courage.

Millard A. Beckum, Mayor
City of Augusta

You have been many things to me: favored mentor during medical school days, model for medical practice, firm friend; and now co-worker in the business of educating health personnel.'

John Rhodes Haverty, MD, Dean
School of Allied Health Sciences
Georgia State University

Decade of Development

1960—1970

1960 Regents approve acquisition of 26 acre Urban Renewal tract.

61 Ten-story Research Facilities Addition to Eugene Talmadge Memorial Hospital completed.

62 Library construction completed.
Closed circuit television incorporated into teaching program.

63 Doctor of Philosophy Degree in six areas approved and offered.
School of Nursing accredited by National League for Nursing.

64 Curriculum for the Radiological Technology course began.

65 Title acquired for Urban Renewal tract.
Child and Youth Care Program began.
Birth Defects Center began operation.

66 School of Dentistry established.
Department of Dermatology established.

67 School of Allied Health Sciences established.
School of Graduate Studies admitted to Council of Graduate Schools.
Student Center completed.
Married Student Housing completed.
New animal care facility completed.
Maternal and Infant Care Project established.

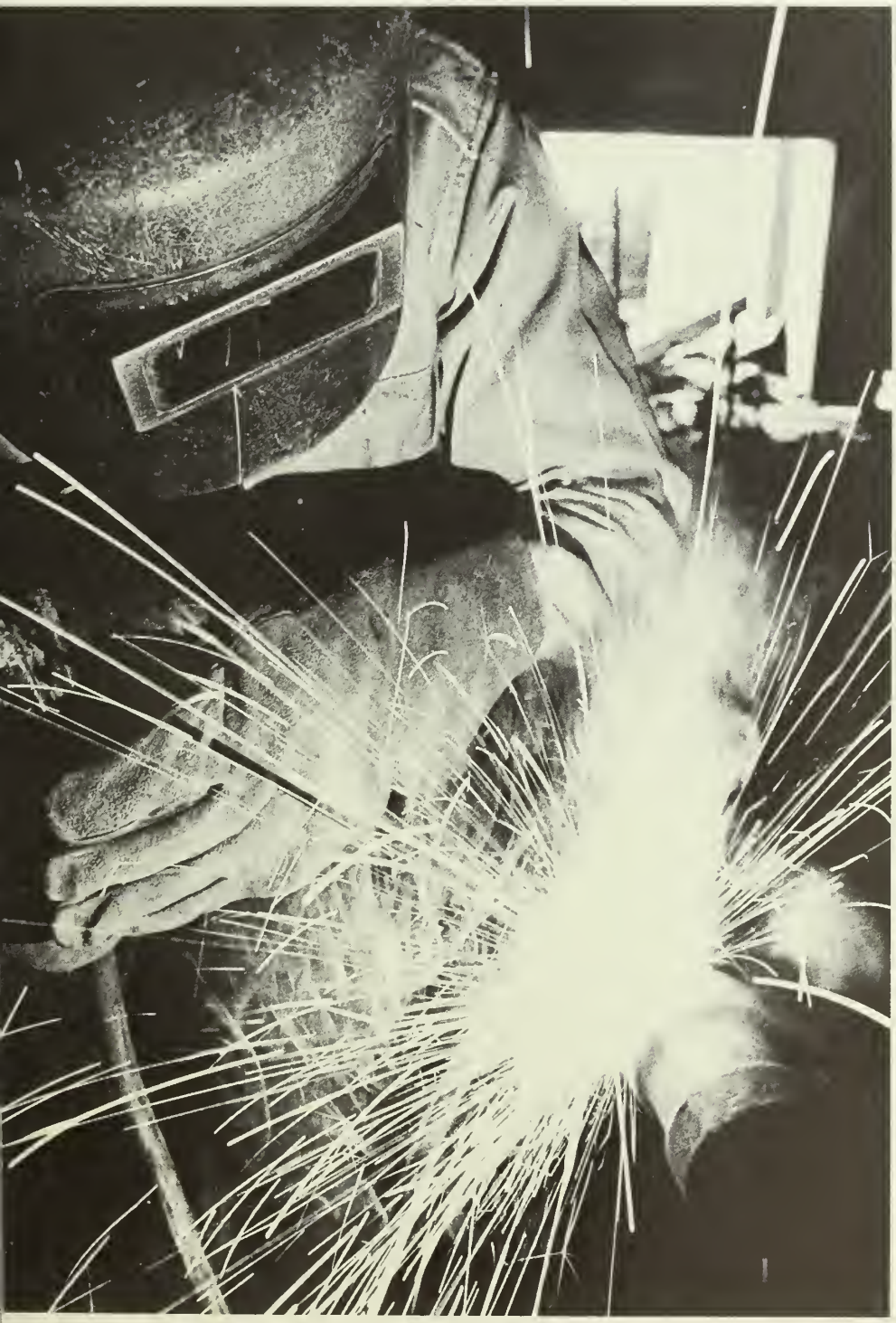
68 Dental Hygiene curriculum inaugurated.
Unmarried Student Housing Unit completed

69 Georgia War Veterans Nursing Home began operation by MCG under contract with the Veterans Service Board of Georgia.
School of Dentistry opened with 24 students.

70 Research and Education Building to be completed.
Dental Clinical Services Building to be completed.

E-X-P-A-N-D-I-N-G

Hard hats have become almost as common as white coats on the MCG campus as the institution moves to expand physically to meet increases in student body. Fall 1970 enrollment will be 1,165 with a faculty of 340; by 1980 enrollment will be 2,337 and faculty 670. Building now under way includes the $11 million Research & Education building, the $6.9 million Dental Clinical Services building, and relocatable structures for medical and dental instruction. A major project approved and projected for an early building start is an outpatient clinical services facility.



Where Engineering Skill Meets Medical Needs

By: GEOFFREY E. KING, MD

The fact that medicine has been fragmented into a number of specialties is an index of the increasing complexity of our knowledge of the disease process. The new speciality, biomedical engineering, acknowledges the role engineering has recently played in the development of medicine and the continuing need for the use of engineering skills in the future development of medicine.

An example of the application of engineering discipline was the application of electronic techniques to the problem of measuring the rapid pressure fluctuations within the heart at cardiac catheterization. This was the impetus that has led to the enormous expansion of our knowledge of heart disease in the last 15 or 20 years. The technical feasibility, at least, of heart transplantation has been due in no small measure to the development and perfection of heart lung machines, patient monitoring equipment, instrumentation for rapid determinations of blood volume, and other tools by engineers working in conjunction with medical personnel. The ultimate development of an implantable mechanical pump to replace the heart, is no longer a remote science fiction prediction. But existing devices require further development by engineers from electrical, mechanical, materials and other specialized fields.

It is thus apparent that a medical teaching center must have available the skills of engineering personnel if it is to remain in the forefront of development. Recognizing this to be true, the Medical College of Georgia in 1967 created a Division of Biomedical Engineering. The division was set up with a medically qualified director, an engineer and an electronic technician. Just recently, the division recruited an engineer with a masters degree in electrical engineering. The research workshop, which had been in operation for a number of years and manned by a skilled machinist, was adopted into the organization.

The division has functions in service, research and teaching. The increasing complexity and the widespread use of electronic equipment in research laboratories and in patient care has created a problem in the service and maintenance of such equipment. While most scientific supply houses and medical electronic companies have regional service engineers, the cost and loss of time in using their services has made it almost mandatory to have an in-house repair facility for all but the most specialized equipment. The problem is of sufficient magnitude at the Medical College that one engineer and a technician are almost solely occupied in repair and maintenance work.

Again the increasing use of electronic equipment has led to the need for a basic knowledge of electronic techniques and an understanding of their applications and possible pitfalls on the part of laboratory technicians, research workers and medical personnel. While the division has always been willing to instruct technicians and research workers on the use of a specific type of electronic instrument on a personal basis, this year a formal course is being offered which takes a broad look at electronic engineering as applied to medicine.

Dr. King is director of the Division of Biomedical Engineering, Medical College of Georgia.

The course consists of a series of lectures and some laboratory work. A preponderance of basic science graduate students have signed up for the course together with a gratifying number of medical faculty.

The prime function of the division is in its research support activities. The division offers to design and construct specialized mechanical or electronic equipment 'tailor made' for research worker need. Most of such prototype work involves adapting an established electronic technique to a novel use. A recent project was to design and construct an electronic 'gate' to capture the response of a nerve to every fiftieth applied stimulus. In this device, standard digital computer techniques were used to count the stimuli and at each fiftieth stimulus to generate a signal to operate the camera used to record the nerve response.

A common problem in laboratories using strip chart recorders is the labor involved in analyzing the tracings to extract the comparatively small amount of useful data, particularly when complex variables such as the slope of a curve or the area under a portion of the curve must be determined. Standard analog computing techniques to determine from a curve the peak height, maximum slope and area are available but have been slow in application in medical laboratories. The division is currently involved in designing and constructing an analog computer which will be used in the analysis of blood pressure records obtained at cardiac catheterization. The outputs of the analog computing amplifiers will be converted to digital numbers and punched on paper tape. The results can then be fed directly into a digi-

tal computer for statistical analyses. Such techniques can be readily adapted to the automation of a clinical laboratory where a small digital computer can assemble the data that has been acquired from a variety of analytical instruments and preprocessed by analog computing techniques.

Other projects have pushed the limits of the current 'state of the art'. An example was the problem presented by one of the staff of the Department of Physiology. He was interested in measuring the pressure volume characteristic of the dog heart as it varied through the cardiac cycle. Basically the technique involved the rapid injection of a measured quantity of saline into the dog's heart and measuring the resultant rise in pressure. Repeated injections in different beasts but at various time points in systole give pressure data from which the variation in heart compliance through systole can be constructed. The short time interval within which the injection had to be made in order that it would be a small proportion of the total time of systole in the rapidly beating dog heart, gave the requirement that an injection of at least 2 mls of saline had to be made within 5 millisecs, (0.005 sec.)

Early attempts to attain these design requirements by means of pressure injectors operated by compressed air proved futile. An impact injector was therefore designed and built. In this device a heavy relatively large diameter piston is accelerated by compressed air until it hits a smaller diameter piston of a saline filled syringe. Much better performance was obtained but this still fell short of the design requirements.

Simple calculations at this point showed that supersonic velocities were required within the needle attached to the impacted syringe. Since saline is noncompressable, the required velocities are physically impossible. Use of a wider bore needle with multiple side holes improved the performance of the impact injector to within design specifications. An iron core within the piston and a coil assembly surrounding the barrel of the impacted syringe gives an electronic readout of piston speed and excursion. With the injector needle open to the atmosphere, operation of the injector produces a barely visible spray around the needle.

The mechanical design was plagued with problems of design of stopcocks, required for loading the syringe, to remain load-free at the enormous pressures generated in the system.

Pressure measurement, free from artefactual oscillation was the next problem. Considerable ingenuity was required to isolate the mechanical vibrations of the injector from the heart. The critical dampening of oscillations within the pressure measuring system itself, produced by the rapid injection, is a further problem which has not yet been satisfactorily solved.

Future projects may include applications of laminar flow ventilation techniques, developed for space technology, to the control of air borne bacteria and allergins; small laboratory computers; remote measurement of ocular tension by sound waves and a study of the electrical properties of teeth with a view to the detection of pre-carious changes.

The Division of Biomedical Engineering is the nucleus of an organization that will facilitate and augment the research activities at the Medical College of Georgia. While the division has the capability of solving most of the research support problems, the application may well depend on the development of a cooperative program with one of the nearby schools of engineering.

□

The porthole-like aperture (top) through which Dr. King peers is revealed (below) as the beginnings of a machine that would automatically measure and record blood pressures.

'Prevention' A Key Word In Dental Vocabulary

The Medical College of Georgia's first class of dental students is approaching the start of its second year of training. In this report, MCG Today looks at some of the philosophies behind dental instruction here, and at some of the educational strides Georgia's first state-supported dental school is making.

Protoconid, distolingual, reduced enamel epithelium, mandibular, DMF . . . these terms, for the most part, were unheard of at the Medical College of Georgia until several years ago when three doctors of dental science came to Augusta to begin making plans for the first state-supported dental school in Georgia.

Today, four years after the arrival of Dr. Judson C. Hickey, Dean; Dr. Louis J. Boucher, Associate Dean; and Dr. Thomas J. Zwemer, Associate Dean; the MCG School of Dentistry has completed its first year of classes with a faculty of 43 and a student enrollment that will total about 60 this September.

Although people play a most important part in the planning and developing of a new school, there must also be facilities to house these people and their teaching equipment. At present the two buildings which will serve this purpose — the Dental Clinical Services Building and the Research and Education Building — are nearing completion and should be functional late in 1970 or early 1971.

The philosophy, curriculum, faculty, students and physical plant that go to make up the MCG School of Dentistry together constitute a new approach to dental education.

First, a bit about the philosophy. The key to the program is the early exposure of the student to clinical patient care. Within the first month he is here, the student will see patients in a limited fashion, explains Dr. Bruce Rice, Professor and Chairman of Oral Medicine.

By limited, Dr. Rice means that each student will have an individual patient with whom, if possible, he will work the entire four years he is in school, beginning with the training and motivation of the patient in preventive dentistry.

Prevention is a key word for MCG dental educators. The ideal dentist should be more interested in preventing disease than in curing it, according to the overall philosophy of the school.

Reinforcing social awareness and responsibility is another important objective of dentistry at MCG. This concept is amplified in the Department of Community Dentistry, under the direction of Dr. James E. Williams, Associate Professor and chairman of the department.

According to Dr. Williams, one of the strongest points of this program is to give students a chance to leave the campus, furnishing them with experiences which they cannot get in a classroom or lab setting.

Dean Hickey

". . . we have scheduled field experiences for the students to go out into a community setting and see how much dental disease is present there; what the challenges to the profession are to meet these needs and what they, as future dentists, can do to prevent dental disease and educate all of our people in the area of dental health," Dr. Williams explains.

Dr. Williams emphasized that all dentists in Georgia will play a vital part in this liaison program, which began the first week of classes when the students spent a half a day in the offices of various local dentists, and will continue as field experiences in Community Dentistry.

Dr. Judson Hickey, Dean of the MCG School of Dentistry, broke down the objectives of the School into three major components: education, research, and service.

"Our first basic objective is to educate dentists to treat the dental needs of the citizens of Georgia. At this time, Georgia has a dentist-to-population ratio of 28 per 100,000. The national average is 46 per 100, 000. Only Mississippi and South Carolina have a poorer ratio.

"The second objective is to educate dentists who will go into research, teaching and the Armed Forces. A post-graduate program in oral surgery is established at this time with a program in orthodontics scheduled to begin in July.

"A third major objective is to preserve the identity and dignity of the student, which we hope we are doing by giving them an opportunity to work with patients on an individual basis. Once again the hub of the whole curriculum is preventive dentistry."

Another important aspect of the MCG program is what is referred to as four-handed dentistry — the effective utilization of dental assistants and other auxiliary personnel. This is the trend for the future, to have both the dentist and his assistant seated on either side of the patient with a portable cabinet containing all necessary instruments at the assistant's fingertips. "It makes everyone more comfortable and increases the dentist's productivity.

Supporting these educational concepts are physical facilities of most modern design, said Associate Dean Boucher. "Dentistry will occupy 25 per cent of all of the teaching space in the new Research and Education Building, where students will be exposed to biological problems in a dental setting, as the principles of basic and applied life sciences are presented with a dental orientation."

This structure, the largest building to ever be erected in the University System of Georgia, will accommodate up to 96 dental students, the projected total enrollment of the first and second year classes.

The Dental Clinical Services Building, an ultra-modern complex nearing completion at the corner of Gwinnett and 15th Streets, is designed to provide students with space that will be as much like a private dental office as we can make it, says Dr. Zwemer, Associate Dean and Professor of Orthodontics.

The three-story building will contain administrative offices, clinics, laboratories, lecture rooms, study cubicles, recovery rooms, radiology labs, television and photographic studios and more than 100 operatories.

When completed, the MCG School of Dentistry will be the first school in the United States to have individual operatories — a patient chair with all equipment necessary for four-handed dentistry, for each of its third and fourth-year students. These areas along with the other clinical facilities have been designed to emphasize the individuality and dignity of both the patient and the student.

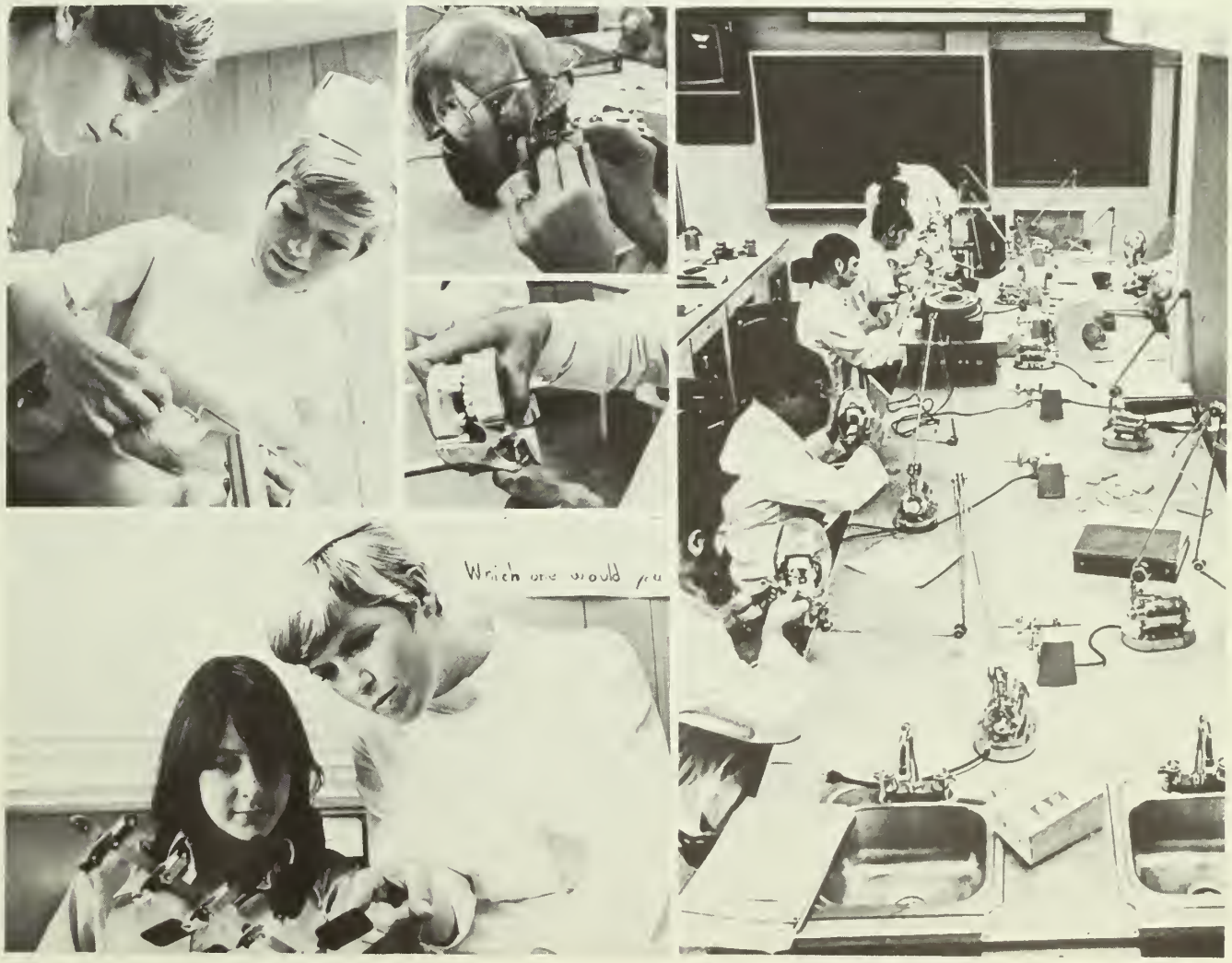
Both junior and senior patient care facilities are composed of four units of twelve private student operatories with two consultation operatories containing supplemental equipment such as x-ray apparatus.

The third floor will house the freshman-sophomore clinic, also designed in a modular fashion and nested in groups of twelve operatories to a unit. There will be six such units for a total of 72 chairs.

"We wanted an environment that would teach team practice," Dr. Zwemer said, "the dentist, dental assistant and dental hygienist will all be working together."

The concept of comprehensive dental care, which is the theme of patient treatment in the School of Dentistry, makes programs in dental hygiene, dental assisting, and dental laboratory technology essential to the undergraduate teaching effort. A Department of Dental Hygiene in the School of Allied Health Sciences was established in 1967. In this program, students must complete two years of college with proper course backgound and acceptable academic performance before being admitted to the MCG baccalaureate program.

And, several other two-year dental hygiene programs are being initiated in other colleges in the University System under the guidance of the MCG Department. □



Dean Fordham

If you ask him about the new medical school curriculum being established across the nation, and at the Medical College of Georgia in particular, he will tell you that "hopefully we are finally getting away from the curriculum standards established in the Flexner Report to the Carnegie Foundation in 1910. This set up a rigid departmentalization with every student taking the same courses regardless of his interest, background or talents.

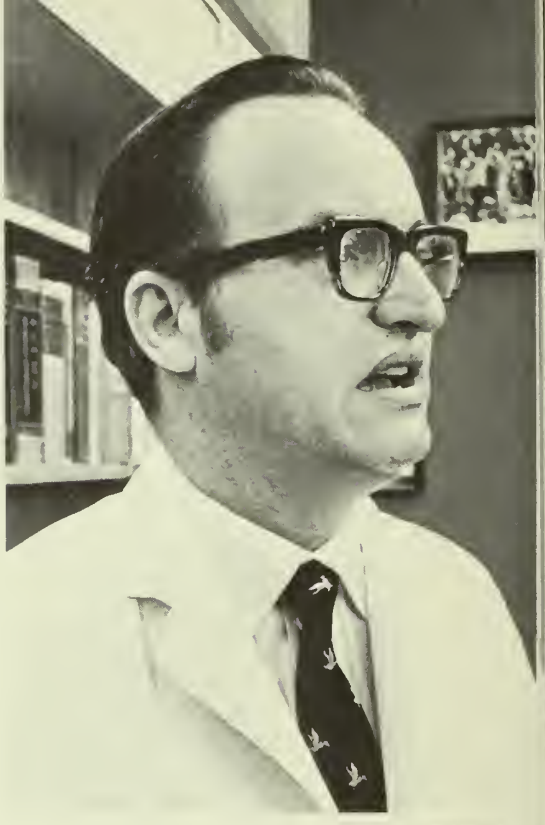
Today, at the Medical College, we are trying to accomplish three things: create better interdisciplinary teaching of material by its nature and bring about better articulation of teaching in the clinical as well as the basic sciences; increase the flexibility of courses of study; and finally, provide some elective choices for the students."

This is Dr. Christopher C. Fordham, III, Vice President for Medicine, and Professor and Dean of the School of Medicine. Since coming to the Medical College of Georgia last August, Dr. Fordham has become known as one of the warmest, most dynamic, optimistic and considerate persons on campus.

Born in Greensboro, N.C., he spent the greatest portion of his life in that state before moving to Georgia. After receiving a Certificate in Medicine from the University of North Carolina at Chapel Hill, he entered Harvard University School of Medicine where he received his MD degree in 1951. From here, the young Dr. Fordham went to Georgetown University Hospital in Washington, D.C., to serve his internship in Medicine, and then to Boston City Hospital where he was an assistant resident in medicine. In 1953, he decided to return to his undergraduate alma mater in Chapel Hill, where he remained until 1955. The first year at Chapel Hill was spent at North Carolina Memorial Hospital as a senior assistant resident in medicine followed by a year at the University of North Carolina School of Medicine as a fellow in medicine. Between then and the time when Dr. Fordham would once again come back to the UNC School of Medicine, he spent two years as a Medical Officer in the Air Force and a year and a half in practice of internal medicine in Greensboro, N.C.

As a member of the faculty of the University of North Carolina School of Medicine from 1958 until his coming to Augusta, he held positions in medicine as instructor, assistant professor, associate professor, assistant dean, professor and associate dean.

His duties at MCG are numerous and varied. According to Dr. Harry B. O'Rear, President, Dr. Fordham has "the overall responsibility of continuing development and operation of the School of Medicine and the hospitals, clinics and nursing home. It is up to him to assure quality education, promote signifi-



"To accomplish you must countenance responsible involvement."

— C. C. Fordham III, Commencement 1970

"It is an earnest view of mine that a career should be, in the truest sense, fun.

— Commencement 1970

"We want you to continue to feel very much a part of the institution to share with us the challenge of becoming a stronger and stronger health sciences center."

— Commencement 1970

cant research and demonstrate a broad spectrum of health care." Dr. Fordham also finds time to devote to teaching. Most Friday afternoons — barring conflicts — he can be found in the classroom teaching his sub-specialty — Nephrology.

When asked about his basic philosophy of medicine, Dr. Fordham says: "... being a clinician, I am dedicated to the proposition that sound medicine consists of a translation of the scientific knowledge we have into good patient care. The clinician of the 1970's will have to articulate knowledge which is drawn from the basic sciences — genetics, cell biology, immunology — and relate it to the total person — as an individual and as related to the family unit and the society in which he lives.

"This is a tall order and one which requires a continued learning process on the part of the doctor, in addition to a lot of help from many different people. Besides hoping for graduates who will apply medicine in this fashion, we, who are already doctors, have to address ourselves to available and acceptable health care."

Getting back to the curriculum of today, he commented on the rapid growth of medical knowledge and the fact that it is now doubling every few years. He explained that "after providing what we believe to be a good, strong basic background for the first two years, we permit the student to choose, within certain defined limits, a program of study that will make him a good practitioner of medicine, be it family practice, surgery, radiology, internal medicine or any other of the many specialties." Dr. Fordham also holds a firm belief that all medical students should become involved to some degree in the delivery of primary health care, even though many of them will not choose this as their field. "Here at MCG, we are trying to develop a new set of opportunities for our students to become involved in such delivery problems through our clinics.

Many honors have come to Dr. Fordham but one that gives him much personal satisfaction is the publication of a book entitled **Manual for the Examination of Patients,** written with a committee of the UNC School of Medicine in 1965. The second edition, which they revised in 1969, is now off the press.

The memberships he holds in various medical and scientific organizations are numerous and include the Society of Sigma Xi, New York Academy of Sciences, American Association for the Advancement of Science, Southern Society for Clinical Investigation, American Federation for Clinical Research and the American Society of Nephrology. He is also a past member of the Board of Trustees of the North Carolina Kidney Foundation. □

Class Notes

Fellow Alumni:

The Medical College of Georgia is commencing, with the issue of this magazine, an intensive effort to communicate with us, its alumni.

A capable staff has been assembled in Augusta, with the blessings and support of our Alumni Association the College and the MCG Foundation, to work toward this end.

This to me, is a past due, valid and needed endeavor. Exciting things are happening on our campus; alumni are doing important things in the health professions. There is a need for us as alumni to be aware of the activities and the goals the Medical College is working to accomplish. The Medical College, as an institution responsive to the professions it serves, should know what its alumni are doing as well as have an expression of their opinion and recommendation as to its activities. Rapid changes occuring in medical education as well as delivery of medical care make it essential that both exist if the school is to reach its full potential in the education of physicians for the future.

I urge you, therefore, to speak up and make the communication two way, and commit yourself to working with our Alma Mater for continued advancement.

Sincerely,

J. Harold Harrison, MD
President
MCG Alumni Association

J. Harold Harrison, '48, Atlanta, was named new president of the Alumni Association May 8 in a meeting that saw a record turnout at Jekyll Island.

Other officers elected for 1970-71 at the meeting are:

Donald W. Schmidt, '49, Cedartown, president-elect.

Daniel B. Sullivan, '49, Augusta, first vice president.

George F. Green, '51, Sparta, and Robert D. Waller, '48, Albany, second vice presidents.

Joseph L. Mulherin '44, Augusta, secretary-treasurer.

Members of the Board of Managers are:

One year terms: B. Lamar Murray, '56, Waynesboro, and Carl S. Pittman, Jr., '42, Tifton; two years: Floyd C. Jarrell, '46, Columbus, and John D. Deal, '50, Statesboro; three years: Ronald F. Galloway, '56, Augusta, and David Eugene Tanner, '50, Savannah.

The Alumni Association Banquet and Annual Meeting, held in conjunction with MAG sessions, took place in Stuckey's Carriage Inn.

News Notes

Presiding at the head table was outgoing President William J. McKenzie, '56, Atlanta, who introduced honored guests before passing the gavel to his successor.

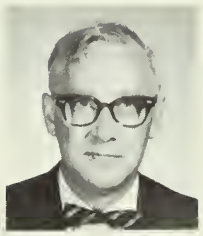
Among those at the head table were Dr. Curtis Carter, representing MCG Pres. Harry B. O'Rear, Mrs. O'Rear, and Dr. Christopher C. Fordham III, dean of the School of Medicine at MCG and vice president for medicine. Miss Mary P. Hallinan, who was in charge of arrangements, was commended for doing an excellent job, including the arrangement of the fine banquet meal.

McDaniel

J. G. McDaniel, MD, Atlanta, has been elected President of the Board of Trustees of the MCG Foundation, Inc. in the annual meeting held at Jekyll Island.

Other officers elected were: Dr. Jule C. Neal, Jr., Macon, first vice president, Dr. Robert G. Ellison, Augusta, second vice president, and Dr. Robert T. Anderson, Sr. Dublin, secretary-treasurer. Retiring President, Dr. Irving Victor, Savannah, was re-elected to the Board for a second term.

Amended Articles of Incorporation and By-laws were approved. In the future the Foundation will be managed by an enlarged Board of 25 trustees. In addition to the five holdover members, there will be five ex-officio members and 15 new trustees who must be alumni. The five ex-officio members are the president and three vice presidents of the Medical College and the president of the Alumni Association.



Neal

Ellison

Anderson

Victor

The trustees again supported the Student Loan Program of the College in the amount of $8,500. In the February meeting in Savannah, the trustees awarded a grant of $49,110 to the Medical College to support the development program and to underwrite the cost of the first four issues of **MCG Today**.

When the awards were announced at the 1970 Annual convention of the Medical Association of Georgia, which was held in May at Jekyll Island, MCG was well represented. Recipients of two of the major awards were Walter E. Brown, Jr., '30, Savannah, who was named "GP of the Year", and Thomas W. Goodwin, '30, Augusta, received the "Distinguished Service Award."

It is interesting that both of these doctors are past-presidents of the MAG (the only classmates ever to have been presidents of the organization). Both are past-presidents of their respective medical societies (the Georgia Medical Society and the Richmond County Medical Society), and both have sons who received their medical degrees from MCG the same year, 1964, i.e. Walter E., Jr. and Henry North Goodwin.

Walter Brown, Sr. is also a past-president of the MCG Alumni Association. Walter, Jr., the first fifth generation member of a family to have been graduated from MCG, is a major with the Air Force and is stationed in Weisbaden, Germany. North Goodwin has been pursuing his residency in Orthopedic Surgery at the Mayo Graduate School of Medicine, and will be there for another year.

Dr. Goodwin, who retired recently and donated his personal library to MCG on the occasion, has also been named a special assistant to the Director of Institutional Relations at MCG and will assist in interpreting the institution across the state.

Class Notes

Thomas McCall Allen, '62, Dawson, has been elected to active membership in the American Academy of General Practice. **James R. Sams,** '12, Covington, was honored on his 80th birthday by the Kiwanis Club of Newton County for his 50 years of service to that county. **Robert R. McKnight,** '42, and **Charles Freeman, Jr.,** '49, Augusta Orthopedic Surgeons, spent two weeks last summer on a tour of Orthopedic Hospitals in Moscow, Leningrad and Puskin, Russia; and in Budapest, Hungary. **Henry W. Smith,** '46, Swainsboro, has been re-elected to active membership in the American Academy of General Practice. **Thomas F. Lear, Jr.,** '51, is now practicing general surgery in Thomasville, after completing a four-year residency in surgery at Piedmont Hospital, Atlanta. **Marion L. Ferrell,** '63, Sparta, was cited by the Army National Guard, for exceptional display of professional performance in treating 80 men for injuries resulting from electrical shock. **Louis H. Griffin, Jr.,** '63, and his family are stationed at Tripler General Hospital in Honolulu, Hawaii where he is Director of Research & Development of the Vascular Research Program. **Lewis A. Hamilton,** '64, has joined the faculty of the University of Illinois, Chicago, as assistant professor of Obstetrics and Gynecology. **Robert B. Quattlebaum,** '45, Valdosta, is among several MCG graduates who have served a tour of volunteer duty aboard the Hospital Ship SS Hope in Colombia, S.A. He is chief of radiology at Pineview General Hospital, Valdosta. **Ira Goldberg,** '48, and **Henry D. Scoggins,** '54, are now associated with **Harry M. Oldham,** '62, in the practice of Obstetrics and Gynecology with offices in Augusta. **John N. Bickers,** '54, New Orleans, has been elected a fellow of the American College of Physicians. He is Chief of Hemotology and Associate Professor of Medicine, LSU Medical Center. **Lloyd C. Davis,** '55, Knoxville, Tenn., served as president of the Tennessee Valley Academy of General Practice which includes all of east Tennessee, and the Ethics Club of Young Physicians. **Pauls Conaway-Salndidge,** '60, Nashville, Tenn., is now an assistant professor of Anesthesiology at Vandervilt University. **J. William Henry,** '59, is practicing orthopedic surgery with offices in Chattanooga, Tenn. Following his internship and residency, Bill served three years with the Army in the orthopedic surgery service of the 97th General Hospital, Frankfort, Germany. **Joel E. Mikell,** '61, is associated with **Hubert S. Anthony, Jr.,** '55, in the practice of radiology in Thomaston. Joel completed his final two years of residency in radiology at Duke University Hospital. **Gary Richman,** '60, is now practicing ophthalmology with offices in Atlanta. **Jean M. Cardin,** '64, is practicing pediatrics in Atlanta. **Ray L. Johnson,** '60, a member of the Emory University faculty, has recently been assigned to Grady Hospital as a part-time assistant professor of psychiatry. **John L. Dekle, Jr.,** '65, has joined Dr. Don L. Brawner and Dr. John H. Angell in the practice of obstetrics and gynecology at the Savannah Woman's Clinic, Savannah. **Joe Lewis McLendon,** '65, is now a partner of **W. Devereaux Jarratt,** '37, and **Homer S. Nelson,** '58, in the practice of ophthalmology in Macon. **Arnold J. Tillinger,** '63, has opened an office for the practice of psychiatry at Paulsen Square, Savannah. **John B. Hardman,** '68, is a resident in psychiatry at the Mayo Graduate School of Medicine, the University of Minnesota, Rochester, Minn. **John M. Dent,** '63, is now practicing obstetrics and gynecology in Tifton. **Carl N. Simpkins, Jr.,** '50, was certified by the American Board of Thoracic Surgery last spring. He is now assigned to the USS Sanctuary. **Stanley H. Levine,** '61, following a tour of duty with the Army, has begun an obstetrics-gynecology practice in Atlanta. **Donald L. Branyon, Jr.,** '59, is now a fellow of the American College of Obstetricians and Gynecologists. **Jack H. Levy,** '36, Augusta, was among a number of prominent radiologists who attended the convention of the Russian Soviet and the American Congress of Radiology in Moscow. **William S. Ogden,** '65, is presently engaged in a clinical fellowship from the United Cerebral Palsy Research and Educational Foundation. **Dan Callahan,** '53, gave two months volunteer service in South Vietnam and other areas of southeast Asia. Dan is in general practice in Warner Robins. **Ray D. Webb,** '55, Springfield, was master of ceremonies at the dedication of the Effingham County Hospital, an extensive care facility. During the building of the facility, Ray acted as technical advisor. **B. W. Forester,** '47, Macon, is serving a two-year term as Chairman of the State Board of Health. **John M. 'Pepper'**

Martin, '43, was elected Vice-Chairman. **James L. Rivers, Jr.,** '64, has been promoted to major and has moved to Fort Ord, Calif. where he is stationed at the Army Hospital. **C. H. 'Hank' Watson,** '52, has announced the association of **George L. Echols, Jr.,** '59, in the practice of pediatrics in Augusta. **Alexander H. Weaver,** '59, is practicing orthopedic surgery in Macon. **Sweeney Sikes,** '38, is president and medical director of the College Hospital, Inc., the first private psychiatric hospital in middle Georgia. Other members of the board of directors include **William R. Birdsong,** '51, and **W. Earl Lewis,** '44. **Jack N. Bates,** '63, is now associated with **Charles M. Cooper,** '63, in the practice of psychiatry in Gainesville. **G. Wayne Bohanan,** '63, is a member of Radiology Associates in Macon. **Guy J. Dillard, Jr.,** '62, is associated with **Arthur W. Yount** for the practice of internal medicine at North Palm Beach Professional Building, North Palm Beach, Fla. **William A. Threlkeld,** '58, has joined **Julius T. Johnson,** '53, **James Kenneth McDonald,** '56, and **Kenneth D. Jones,** '60, in the practice of psychiatry and neurology in Augusta. **Raymond H. Sowell, Jr.,** '58, is now associated with **Frank M. Johnston,** '59, for the practice of psychiatry and neurology in Savannah. **Frank Leslie Fort,** '20, has retired from practice in Jacksonville, Fla. **Royce V. Jackson,** '58, is now practicing psychiatry in Tallahassee, Fla. **R. Eugene Tanner,** '61, is now associated with **James W. Bennett,** '46, for the practice of pediatrics in Augusta. **G. Alan Playford,** '61, is practicing anesthesiology in Anderson, S.C. He was recently certified by the American Board of Anesthesiology. **David B. Fulghum,** '62, who spent last year at St. John's Hospital in London, England, is now in the practice of dermatology in Bradenton, Fla. **C. G. Edwards,** '61, is practicing pediatrics with **C. Jennings Derrick,** '33, in West Palm Beach, Florida. **J. A. Harmon,** '61, is assistant medical director for Newport News Ship Building and Dry Dock Company, Newport News, Va. **Edmond Strickland, Jr.,** '59, is practicing general surgery in Ocala, Florida. **Gordon C. Carson III,** '65, recently promoted to major while stationed at Hunter Air Force Base, Savannah, is now pursuing his residency in radiology at Walter Reed Army Hospital, Washington, D.C. Gordon returned from Vietnam last year. While in Vietnam he was awarded the Bronze Star, the Air Medical with V for valor and three Oak Leaf Clusters, the Army Commendation Medical, Vietnamese Cross and the Combat Medic Badge. **James R. Jones, Jr.,** '47, and **Ronald M. Wilson,** '61, are associated in the practice of obstetrics and gynecology in Orlando, Fla. **Isaac Goodrich,** '64, is now a resident in neurosurgery at Yale, New Haven Hospital, New Haven, Connecticut 06510. **Harlan W. Nevin,** '63, has recently become associated with Dr. P. O. Jones in the practice of pulmonary diseases and internal medicine in Houston, Texas. **Walter N. Rabhan,** '64, USAF major, is presently on duty at Cam Ranh Bay AB, Vietnam where he is assigned to the 12th USAF Hospital. **George E. Kandel,** '58, USAF Lt. Col., now serving at the Air Force Academy, has been decorated with the Bronze Star Medal for meritorious service as director of base medical services, 388th USAF Dispensary, Korat Royal Thai AFB, Thailand. **Daveline Carter,** '65, is now serving as chief resident in general surgery at Memorial Medical Center, Savannah. **John M. Fillingim,** '66, USAF Captain, is presently stationed at Altus AFB, Okla. as an aeromedical officer. **Fredric M. Simwitz,** '62, after completing his training at University Hospital, Ann Arbor, Mich., in Neurology, is now on the faculty of St. Louis University Medical School and also part-time private practice. **Sidney Alan Funk,** '66, while serving with the US Navy aboard the USS Colleton, was awarded the Bronze Star with Combat V for meritorious service and superb leadership. He is now at The Albert Einstein Medical School in the Department of Obstetrics and Gynecology. **Louis L. Battey,** '46, Augusta internist and cardiologist, was named to the Board of Directors of the Georgia Railroad Bank and Trust Company. Louis is a former Chief of Staff of St. Joseph's Hospital in Augusta. **Mack Dana Jones,** '64, having completed training in Neurology at Talmadge Memorial Hospital and North Carolina Memorial Hospital, has been appointed an Assistant Professor of Neurology at MCG. **James S. Maughon,** '49, a career USN medical officer, passed the Board to be certified by the American Academy of Thoracic Surgery. **Beverly Belk,** '64, certified by the American Board of Pediatrics, has recently joined the medical staff of the Georgia Regional Hospital in Augusta. **J. Willis Hurst,** '44, prominent Atlanta cardiologist, now has another book to his credit, "The Heart", a medical textbook of neary 1,700 pages and more than 1,000 illustrations is a revised edition of a 1966 publication. Co-author is Dr. R. Bruce Logue. **John Willis, Jr.,** is a 1971 candidate for an MD degree from MCG. **James O. Hightower,** '58, Lt. Col, USAF, is now Deputy Commander of the Hospital in Anchorage, Alaska. **Emil Blair,** '46, Chief of Surgery and Director of Medical Education at the General Rose Memorial Hospital, Denver, has been appointed Professor of Surgery at the University of Colorado School of Medicine.

New Alumni

The Medical College of Georgia granted degrees to 229 June 6 at the institution's 135th commencement.

Pres. Harry B. O'Rear conferred 98 MD degrees, four PhDs, 15 MS degrees and 112 BS degrees in nursing, medical technology, radiologic technology, medical record science and medical illustration.

Doctor of Medicine

William LaFayette Amos, Jr., Columbus; John Ronald Andrews, Macon; Danny Elliott Askew, Sparta; Fletcher Comer Askew, Jr., Columbus; Kenneth Anthony Azar, Atlanta; Bowen Asserson, Jr., Augusta; John Spencer Atwater, Jr., Atlanta; William Harry Babcock, Augusta; Martin Thomas Bailey, Augusta, George Thomas Bandow, Chamblee.

William Elliott Barfield, Jr., Augusta; Stephen Norton Barnes, Macon; Jewell Milton Barnett, Nicholson; Bruce Gary Bateman, Atlanta; Paul Everett Beecham, Decatur, James Terrell Bowles, Augusta; Richard Allen Brown, Decatur; John Walter Browning, III, Lawrenceville, Robert Alonzo Callaway, LaGrange; William Wesley Campbell, Jr., Macon; Harris Deitz Carpenter, Jr., Macon; James Joseph Carswell, III, Augusta; Thomas Hilton Cawthon, Forsyth; William Edward Cook, Augusta, Albert Lucian Cousins, Greenville.

Robert Samuel Culvern, Louisville; Verne Eugene Cutler, Springfield; William Douglas Daniel, Carrollton; Guy Alfred Devine, Augusta; Winburn Jackson Dickens, Winder; Sandra Lynne DiMascio, Valdosta; Kathryn Wilkin Dyar, Greensboro; James Lee Etheredge, III, Augusta; Ellis Wayne Evans, Sr., Cordele; Fred Bert Ferguson, Jr., Atlanta; James Lawrence Gentry, Carrollton; John Wayne Green, Barnesville; David Ian MacDonald Gross, Rome; William Roy Grow, Colquitt; Stanley William Hall, Jr., Atlanta; William Stephen Harris, Carrollton; Bernard Lenwood Hayman, Jr., Augusta, George Bruce Head, III, Hogansville.

Charles Hall Herndon, Jr., Toccoa; Jesse Drake Hester, Colquitt; Robert Sandifer Hill, Augusta; Fred Barry Hodges, III, Atlanta; David Edward Hood, Decatur; Paul Hutchinson, Jr., LaGrange; Joseph Lawrence Jackson, Folkston; Bert James Johnson, Jr., College Park; Philip Frank Jones, Augusta; Tommy Henry Jordan, Lyons; Arthur Grayson Kelly, Augusta; David Kirkpatrick, Atlanta, George Gray Kitchens, Warrenton; William Claude Kitchens, Jr., Athens; Jerome Edward Lahman, Atlanta, Mark Duane Lenger, Atlanta.

Lawson Wilford Lewis, Jr., Swainsboro; Alonzo Josephus Logan, Plains; Eugene Mitchell Long, Jr., Augusta; Ellis Lendrum Malone, Dublin; Alexander Robert Mitchell, III, Augusta; James Patrick Morrison, III, Glenwood; John Joseph Nerney, Atlanta; Jack Ronald Newton, Chamblee; William Bonar Newton, Madison; David Page Nicholson, Athens, Roger Eugene Nunn, Commerce.

James Howell O'Callaghan, Atlanta; Frederick Thomas Owens, Atlanta; Jack Wayne Pennington, Haddock; Ronald Clayton Pirtle, Stone Mountain; Charles Hyatt Richardson, III, Macon; Hubert Friedrich Reigler, Augusta; Toivo Egon Rist, Atlanta; John Eugene Roberts, Jr., Mableton; Danny Tom Rufo, Augusta; John Francis Sampson, Decatur; Thomas Edward Sikes, Jr., Columbus; Robert David Skipworth, Columbus; Bernard Russell Simmons, Columbus; James Leon Smith, Doerun, John Dorsey Smith, Swainsboro.

Larry Eugene Smith, Reidsville; Randolph Relihan Smith, Augusta; Frank Maynard Thames, Jr., Macon; James Clifford Thomas, Savannah; Frederick Bauries Thompson, III, Montezuma; William Virgil Thrash, LaGrange; Donald Brent Waters, Blackshear; Marion Alexander Wier, Augusta; David Christopher Williams, Austell; William Fred Willis, Swainsboro; Frances Carlene Willison, Columbus; Addis Daniel Windham, Butler; Linder Earl Wingo, Atlanta.

Doctor of Philosophy

Robert Allen Boudet, North Augusta, S.C.; Elizabeth Harper Cook, Augusta; Gwynne Hamilton Little, Augusta; Dave Allen Welter, Augusta.

Master of Science

Rita Ann Teston Carter, Augusta; Frank Der Hsiung Chen, Keelung, Taiwan; Wilson Trafton Crandall, Rochester, N.Y.; Miriam Kay Grastie, Greenville, S.C.; Hong-Tien Lai, Ta-Lin, Taiwan; Richard Joel Lieb, Lodi, N.J.; Robert Bruce Lytle, North Augusta, S.C.; Judith Lee Pace, Elberton; Corliss Leigh Whittenburg, Rome, Karol Kelly Williams, North Augusta, S.C.

Master of Science
(Medical Illustration)

Donald Eugene Biggerstaff, Charlotte, N.C.; Steven Joseph Harrison, Lewes, Del., Karen Louise Waldo, Los Angeles, Calif.

Master of Science
(Nursing)

Grace Posey Busbee, Aiken, S.C., Claudia Turner Welch, Augusta.

Bachelor of Science
(Nursing)

Donna Sue Adcock, Madison; Sylvia Theresa Annunziata, North Miami, Fla.; Masuda Rahim Azizi, Kabul, Afghanistan; Pamela Grant Blake, Atlanta; Rosemary Blanchard, Statesboro; Carol Elaine Bradley, Stone Mountain; Alice Bush Branscombe, Marietta; Hazel Diane Bush, Columbus; Mary Ellen Byrd, Summerville, S.C.; Patricia Lee Christian, Jesup; Dorothy Grace Clark, Columbus; Carol Cowart, Statesboro, Cornelia Evelyn Davis, Waycross.

Barbara Ann Denny, Canton; Joelyn Fowler DeVane, Americus; Mary Edith Gammage, Moultrie; Lessie Gray Garland, Augusta; Madeline Grimes, Lyons; Merrilyn Cook Harden, Marietta; Barbara Kay Hendley, Nashville; Carolyn Dianne Hopkins, Washington; Janet Marie Howell, Atlanta; Helen Fox Krebs, Marietta; Carol Louise Lampkin, Atlanta; Virgina Sheetz Leet, Atlanta; Irene Hill Mahoney, Atlanta; Evelyn Hope McKelvey, Augusta; Shirlee Lynn McKneely, Griffin, Lula Faye McMillan, Lake Park.

Marlene Penson Mitchell, Atlanta; Elizabeth Motley, Smyrna; Carole Ann Moylan, Savannah; Rebecca Joy Norris, Augusta; Donna Lee Paulson, Jesup; Marie Louise Pollard, Atlanta; Julianna Riden, Madison; Patterson Little Romer, Louisville; Mary Louise Seckinger, Springfield; Martha Susan Sims, Atlanta; Linda Anne Sosebee,

Canton; Sylvia Emma Squires, Calhoun, Starr Elizabeth Stanford, Columbus.

Cathey Palmer Stitt, Atlanta; Susan Stout, Hartwell; Teresa Ann Stroud, Forest Park; Martha Jane Taylor, Dudley; Phyllis Moore Thames, Haddock; Mary Frobel Thigpen, Atlanta; Ann Porter Tolbert, Greenville, S.C.; Peggy Ann Toler, Soperton; Joan Dixon Veazey, Augusta; Katherine Stuckey Warren, Albany; Sharon Dianne Webb, Savannah; Judith McClellan West, Augusta, Linda Carol Wincey, Macon; Dale Jones Young, Thomasville.

Bachelor of Science
(Dental Hygiene)

Kimball Burkett, Decatur, Ga.; Harriett Irene Clark, Camden, S.C.; Sally Pretti Abromovich, Indianapolis, Ind.; Marcia Ward Cox, Marietta; Linda Cline Johnson, Boynton Beach, Fla.; Lynda Frances Melton, Charleston, S.C.; Susan Jeanne Mozley, Atlanta; Jane Adell Nash, Stone Mountain; Barbara Holder Parker, Decatur; Gail Maureen Price, Jacksonville, Fla.; Ruth Anne Tuttle, Winston-Salem, N.C., Lynda Lee Williams, Chattanooga, Tenn.; Delle Lindsay Wilson, Stone Mountain, Ga.

Bachelor of Science
(Medical Record Science)

Sally Fokes Aderhold, Moultrie; Carol Jean Berry, Paris, Tenn.; Margaret Ruth Best, LaGrange, N.C.; Harriett Virginia Caul, Jayess, Miss.; Beverly Jean Clanton, Thomasville, Jean Leister Corley, Augusta; Marie Johnette Cummins, Reform, Ala.; Lynda Anise Garrett, Rome; Sharon May Hardaway, Trenton, Tenn.; Linda Nell Harmon, Panama City, Fla.; Barbara Holmes Harms, Augusta; Nancy Lee Harris, Roswell; Marguerite Owens Hendrix, Statesboro; Elaine Hornbuckle Herschelman, Raleigh, N.C.; Deedee Anne Holmes, Bowdon; Delores Clarkson Monteith, Hopkins, S.C.; Judith Price Smith, Thomasville, Glenda Dianne Whigam, Augusta.

Bachelor of Science
(Radiologic Technology)

Duane Akroyd, Binghamton, N.Y.; Rossie Nell Atkinson, Thomasville; Thomas Albert Baier, LeRaysville, Penn.; Carol Lee Dill, Waycross; Janice Dianne Grant, North Augusta, S.C.; David Stanley Hall, Chenango Bridge, N.Y.; Susan Adell McCord, Largo, Fla.; Charles William Mulkey, Hartwell; Joseph Louis Surace, Binghamton, N.Y., Christapor Iskander Taslakian, Anjar-Bekaa, Beirut-Lebanon.

Bachelor of Science
(Medical Illustration)

Manuel Beckerman, Brooklyn, N.Y.; Ronald Allison Brandon, Fairfax, Calif.; Nadine Linda Karsh, W. Newton, Mass., William Joseph Welsh, Augusta.

Bachelor of Science
(Medical Technology)

Sandra Elaine Ard, Macon; Karen Bowman, Warner Robins; Virginia Lucile Etheredge, Jackson; William Rudolph Evans, Jr., Matthews; Kathryn Suzanne Gentling, Fort Worth, Tex.; Jane Reynolds Hemmer, Gainesville; Linda Schenebeck Kennedy, Augusta; Linda Kay Michael, Columbia, S.C.; Janice Smith, Macon; Connie Spradley, Moultrie, Brenda Joy Crooms Williams, Cochran.

School of Medicine Allied Health Sciences School of Nursing Graduate School Dental School MCG Today

Division of Institutional Relations
Augusta, Georgia 30902

NON-PROFIT ORG.
U.S. POSTAGE PAID
Augusta, Georgia
Permit No. 210